S/N Unknown **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Leo Rubin et al.

Examiner:

Unknown

Serial No.: Filed:

Unknown

Group Art Unit:

Unknown

Herewith

Docket:

1080.311US3

Title:

METHODS AND APPARATUS FOR TREATING FIBRILLATION AND

CREATING DEFIBRILLATION WAVEFORMS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 et. seq., the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

Pursuant to 37 C.F.R. §1.98(d), copies of the listed documents are not provided as these references were previously cited by or submitted to the U.S. Patent Office in connection with Applicants' prior U.S. application, Serial No. 09/966,233, filed on September 28, 2001, which is relied upon for an earlier filing date under 35 U.S.C. §120.

Page 2 Dkt: 1080.311US3

Title: METHODS AND APPARATUS FOR TREATING FIBRILLATION AND CREATING DEFIBRILLATION WAVEFORMS

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

LEO RUBIN ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A. P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6951

Date March 26, 2004 By

Suneel Arora

Reg. No. 42,267

Date of Deposit: March 26, 2004

[&]quot;Express Mail" mailing label number: EV414758352US

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A(10-01)
Approved for use through 10/31/2002, OMB 651-0031
US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE
on of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO	Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number	Unknown		
	Filing Date	Even Date Herewith		
	First Named Inventor	Rubin, Leo		
	Group Art Unit	Unknown		
	Examiner Name	Unknown		
Sheet 1 of 2	Attorney Docket No: 1080.311US3			

	US PATENT DOCUMENTS						
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate	
	US-4,768,512	09/06/1988	Imran, M.	128	419 D	05/13/1986	
	US-4,800,883	01/31/1989	Winstrom, W. L.	128	419 D	04/02/1986	
	US-5,184,616	02/09/1993	Weiss, S. M.	128	419	10/21/1991	
	US-5,222,492	06/29/1993	Morgan, C. B., et al.	128	419 D	11/08/1991	
	US-5,489,293	02/06/1996	Pless, B. D., et al.	607	5	03/31/1994	
	US-5,593,427	01/14/1997	Gliner, B. E., et al.	607	7	02/14/1996	
	US-5,601,612	02/11/1997	Gliner, B. E., et al.	607	7	02/14/1996	
	US-5,607,454	03/04/1997	Cameron, D., et al.	607	5	04/14/1994	
	US-5,620,470	04/15/1997	Gliner, B. E., et al.	607	7	05/24/1996	
	US-5,693,952	12/02/1997	Cox, T. J.	250	551	12/18/1995	
	US-5,716,381	02/10/1998	Reggiardo, C. V.	607	8	08/06/1996	
	US-5,725,560	03/10/1998	Brink, G. D.	607	5	06/20/1996	
	US-5,735,879	04/07/1998	Gliner, B. E., et al.	607	7	02/20/1997	
	US-5,749,904	05/12/1998	Gliner, B. E., et al.	607	7	07/31/1996	
	US-5,749,905	05/12/1998	Gliner, B. E., et al.	607	7	08/02/1996	
	US-5,776,166	07/07/1998	Gliner, B. E., et al.	607	7	02/20/1997	
	US-5,803,927	09/08/1998	Cameron, D. , et al.	607	5	02/19/1997	
	US-5,830,236	11/03/1998	Mouchawar, G., et al.	607	5	10/29/1996	
	US-5,836,978	11/17/1998	Gliner, B. E., et al.	607	7	08/12/1997	
	US-5,849,031	12/15/1998	Martinez, , et al.	607	121	12/16/1997	
	US-5,906,633	05/25/1999	Mouchawar, G. , et al.	607	5	04/22/1998	
	US-5,908,443	06/01/1999	Brewer, J. E., et al.	607	8	04/11/1997	
	US-5,913,877	06/22/1999	Kroll, M. W., et al.	607	5	08/15/1997	
·	US-5,974,339	10/26/1999	Baker Jr.,, R. G., et al.	607	7	11/26/1997	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	EP-0280526	08/31/1988	Baker Jr., Ross G., et al.	A61N	1/39	

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		CLELAND, B. G., "A Conceptual Basis for Defibrillation Waveforms", <u>PACE</u> , 19, (Aug. 1996),pp. 1186-1195	
		HILLSLEY, R. E., et al., "Is the Second Phase of a Biphasic Defibrillation Waveform the Defibrillating Phase?", PACE, 16, (July 1993),pp. 1401-1411	

EXAMINER

DATE CONSIDERED

PTO/SB/084(10-01)
Approved for use through 10/31/2002, OMB 651-0031
US Petent & Tradement Office: U.S. DEPARTMENT OF COMMERCE of the department of the commerce of the commerc

Under the Paperwork Reduction Act of 1995, no persons are requ Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSURE **Application Number** Unknown STATEMENT BY APPLICANT Even Date Herewith **Filing Date** (Use as many sheets as necessary) **First Named Inventor** Rubin, Leo **Group Art Unit** Unknown Unknown **Examiner Name** Attorney Docket No: 1080.311US3 Sheet 2 of 2

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Cite Initials* No 1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		JONES, J. L., et al., "Cellular Excitation With High-Frequency Chopped	T
		Defibrillator Waveforms", IEEE, (1994),pp. 17-18	
		NATALE, A., et al., "Relative Efficacy of Different Tilts With Biphasic	
		Defibrillation in Humans", PACE, 19, (Feb. 1996),pp. 197-206	
		SWEENEY, R. J., et al., "Defibrillation Using a High-Frequency Series of	Ĭ.
		Monophasic Rectangular Pulses: Observation and Model Predictions", <u>Journal of</u>	
		Cardiovascular Electrophysiology, 7, (Feb. 1996),134-143	

EXAMINER DATE CONSIDERED